

**Supplemental  
Notice of Allowability**

**Application No.**

10/689,565

**Examiner**

ARISTOCRATIS FOTAKIS

**Applicant(s)**

UNDERBRINK ET AL.

**Art Unit**

2611

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 09/10/2010.
2. ☒ The allowed claim(s) is/are 1 - 4, 6 12, 14 -20 and 22 - 24.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- \* Certified copies not received: \_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_.

/Aristocratis Fotakis/  
Examiner, Art Unit 2611

**DETAILED ACTION**

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***Examiner's Amendment***

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr Roberto Capriotti on September 22, 2010.

The application has been amended as followed:

Please replace paragraph numbers [003], [004], [005] with the following amended paragraphs:

[003] This application also is related to:

[004] United States Patent Application Serial No. 10/712,789, filed on November 12, 2003, now issued as US Patent No.7,183,972, titled "COMMUNICATION SYSTEM THAT REDUCES AUTO-CORRELATION or CROSS-CORRELATION IN WEAK SIGNALS," by Gregory B. Turetzky, Charles Norman and Henry Falk, which claims

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priority to U.S. Patent No. 6,680,695, filed on July 20, 2001, and issued on January 20, 2004, by Gregory B. Turetzky, Charles Norman and Henry Falk, which claimed priority to United States Provisional Patent Application Serial No. 60/227,674, filed on August 24, 2000, titled "METHOD AND APPARATUS FOR ELIMINATING AUTO-CORRELATIONS OR CROSS-CORRELATIONS IN WEAK CDMA SIGNALS" by Gregory B. Turetzky, Charles Norman and Henry Falk.

[005] United States Patent Application Serial No.10/775,870, filed on February 10, 2004, now issued as US Patent No. 7,026,986, titled "LOCATION SERVICES SYSTEM THAT REDUCES AUTO-CORRELATION OR CROSS-CORRELATION IN WEAK SIGNALS," by Gregory B. Turetzky, Charles Norman and Henry Falk, which claims priority to United States Patent Application Serial No. 10/244,293, filed on September 16, 2002, now issued as US Patent No. 6,707,423, titled "LOCATION SERVICES SYSTEM THAT REDUCES AUTO-CORRELATION OR CROSS-CORRELATION IN WEAK SIGNALS," by Gregory B. Turetzky, Charles Norman and Henry Falk, which claims priority to United States Patent No. 6,466,161, filed on July 20, 2001, titled "LOCATION SERVICES SYSTEM THAT REDUCES AUTO-CORRELATION OR CROSS-CORRELATION IN WEAK SIGNALS," by Gregory B. Turetzky, Charles Norman and Henry Falk, which claimed priority to United States Provisional Patent Application Serial No. 60/227,674, filed on August 24, 2000, titled "METHOD AND APPARATUS FOR ELIMINATING AUTO-CORRELATIONS OR CROSS-CORRELATIONS IN WEAK CDMA SIGNALS" by Gregory B. Turetzky, Charles Norman and Henry Falk.

***Allowable Subject Matter***

Claims 1 - 4, 6 12, 14 -20 and 22 - 24 are allowed.

The following is a statement of reasons for the indication of allowable subject matter:

Re independent claims 1, 9 and 17, the prior art of record does not disclose of “a second signal canceller that subtracts the resultant spread spectrum signal from the tracked carrier wave jamming signal and produces a clean carrier wave jamming signal; and a second signal processor connected to the first and second signal cancellers that receives the clean carrier wave jamming signal from the second signal canceller and generates the replica of the carrier wave jamming signal from the clean carrier wave jamming signal”.

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ARISTOCRATIS FOTAKIS whose telephone number is (571)270-1206. The examiner can normally be reached on Monday - Friday 6:30 - 4.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chieh M. Fan can be reached on (571) 272-3042. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Aristocratis Fotakis/

Examiner, Art Unit 2611

/CHIEH M FAN/

Supervisory Patent Examiner, Art Unit 2611